



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 06-345)

In the Application of:

Spence et al

Serial No.: 10/579,021

Filed: May 11, 2006

Title: Dynamic Blind Signal Separation

Art Unit: Unknown

Examiner: Not Assigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

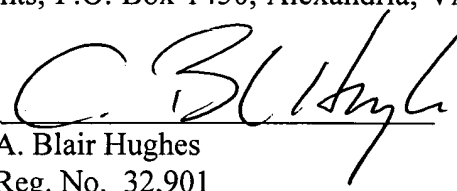
Sir:

TRANSMITTAL LETTER

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PTO/SB/08a (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

9

2

Application Number

10/579,021

Filing Date

May 11, 2006

First Named Inventor

Spence

Art Unit

Unknown

Examiner Name

Not Assigned

Attorney Docket Number

06-345

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
		WO 01/17109	3-8-01	Parra et al.		
		WO 03/090127	10-30-03	Dishman et al.		
		WO 03/028550	4-10-03	Smith et al.		
		WO 01/127874	4-19-01	Lee et al.		
		WO 02/088907	11-7-02	Lee et al.		

Examiner
Signature

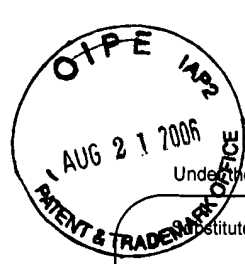
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/579,021
Filing Date	May 11, 2006
First Named Inventor	Spence
Art Unit	Unknown
Examiner Name	Not Assigned
Attorney Docket Number	06-345

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Markowitz et al. "Blind de-mixing real-time algorithm of piecewise time series mixture", IEEE, pp. 1033-1037 (July 1999)	
		Cardoso et al., "Equivariant Adaptive Source Separation", IEEE, pp. 3017-3030 (December 1996)	
		Cichocki, "Adaptative Blind Signal and Image Processing", Learning Algorithms and Applications, pp. 274-277, 291-292 (2002)	
		Everson et al., "Particle Filters for Non-Stationary ICA", Advances in Independent Component Analysis, pp. 28-41 ((2000)	
		Jafari et al., "A Combined Kalman Filter and Natural Gradient Algorithm Approach for Blind Separation of Binary Distributed Sources in Time-Varying Channels", IEEE, pp. 2769-2772 (2001)	
		Lathauwer et al. "Fetal Electrocardiogram Extraction by Blind Source Subspace Separation", IEEE, pp. 567-572 (May 2000)	
		Jourjine et al. "Blind Separation of Disjoint Orthogonal Signals; Demixing N Sources from 2 Mixtures", IEEE Conference on Acoustics, Speech and Signal Processing, pp. 2985-2988 (June 2000)	

Examiner Signature	Date Considered
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